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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/808,648 **Confirmation No.:**
Applicant(s) : Jody A. Swenson, et al.
Filed : March 25, 2004
TC/A.U. : 2858
Examiner : A. Deb
Title : ELECTRIC-FIELD METER HAVING
CURRENT COMPENSATION
Docket No. : 5837.041
Customer No. : 30589

Mail Stop IDS
Commissioner for Patents
P.O. Box 1450
Arlington, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

**List of Sections Forming Part of This
Information Disclosure Statement**

The following sections are being submitted for this Information Disclosure Statement:

1. Preliminary Statements
2. Form PTO-1449 (Modified)
3. Statement as to Information Not Found in Patents or Publications
4. Identification of Prior Application in Which Listed Information Was Already Cited and for Which No Copies Are Submitted or Need Be Submitted
5. Cumulative Patents or Publications

6. Copies of Listed Information Items Accompanying this Statement
7. Concise Explanation of Non-English Language Listed Information Items
 - 7A. EPO Search Report
 - 7B. English Language Version
8. Translation(s) of Non-English Language Documents
9. Concise Explanation of English Language Listed Information Items (Optional)
10. Identification of Person(s) Making this Information Disclosure Statement

Section 1. Preliminary Statements

Applicants submit herewith patents, publications or other information of which they are aware, which they believe may be material to the examination of this application and in respect of which there may be a duty to disclose.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 C.F.R. § 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

Section 2. Form PTO-1449 (Modified)

A Completed Form PTO-1449 (Modified) is attached hereto.

Section 3. Statement as to Information Not Found in Patents or Publications (Information Not Listed in Form PTO-1449(Modified))

Section 4. Identification of Prior Application in Which Listed Information Was Already Cited and for Which No Copies Are Submitted or Need Be Submitted

This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior application Serial No. 10/094,942, filed on March 14, 2002.

(complete the following, if applicable)

[] This application also relies, under 35 U.S.C. 120, on the earlier filing date of prior application Serial No. _____, filed on _____ (date).

The following references were submitted to, and/or cited by, the Office in the prior application(s) and therefore, are not required to be provided in this application:

Section 5. Cumulative Patents or Publications

STATEMENT

_____ is cumulative of the following patents or publications listed on Form PTO-1449:

In accordance with 37 C.F.R. § 1.98(c), a copy of only _____ is being submitted with this Information Disclosure Statement.

Section 6. Copies of Listed Information Items Accompanying this Statement

Legible copies of all items listed in Form PTO-1449 (Modified) accompany this information disclosure statement.

[X] Exception(s) to above:

- Items in prior application from which an earlier filing date is claimed for this application, as identified in Section 4.
- Cumulative patents or publications identified in Section 5.

Section 7. Concise Explanation of Non-English Language Listed Information Items

Section 7A. Concise Explanation of Non-English Language Listed Information Items - EPO Search Report

The relevance with respect to the following citations listed on Form PTO-1449:

is submitted on the basis of accompanying:

(check the appropriate item)

- EPO search report that is in the English language,
- EPO search report that is not in the English language and that is accompanied also by an English language version of the EPO search report,

that issued on the corresponding European patent application.

Section 7B. Concise Explanation of Non-English Language Listed Information Items - English Language Version of EPO Search Report

Section 8. Translation(s) of Non-English Language Documents

- Submitted herewith is an English translation of the following foreign language patents, publications or information or of those portions of those patents, publications or information considered to be material:

(complete the following, if applicable)

- [] No English language translations of the foreign language parents, publications or information or parts thereof are readily available, except for those listed above.
- [] The following foreign language documents submitted are believed to be the equivalent or substantial equivalent of the English language documents identified below, which are also submitted herewith.

Section 9. Concise Explanation of English Language Listed Information Items (OPTIONAL)

Section 10. Identification of Person(s) Making this INFORMATION DISCLOSURE STATEMENT

The person making this statement is the attorney who signs below on the basis of the information:

- [] supplied by the inventor(s)
- [] supplied by an individual associated with the filing and prosecution of this application (37 C.F.R. § 1.56(c)).
- [X] in the attorney's file

Respectfully submitted,

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 Date Deposited: April 20, 2006

Substitute for form 1449A/PTO



SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known	
Application Number	10/808,648
Filing Date	03/25/2004
First Named Inventor	Jody A. Swenson
Group Art Unit	2858
Examiner Name	A. Deb
Attorney Docket Number	5837.041

U. S. PATENT DOCUMENTS

EXAM INIT.	Cite No. 1	U.S. PATENT NUMBER Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM- DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	1919215		Gunn	07-25-1933	
	AB	2449068		Gunn	09-14-1948	
	AC	2587156		Havenhill et al.	02-26-1952	
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U. S. PATENT DOCUMENTS

EXAM INIT.	Cite No. 1	<u>U.S. PATENT NUMBER</u> Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM- DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AT	3824454		Stern, et al.	07-16-1974	
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FOREIGN PATENT DOCUMENTS

EXAM INIT.	Cite No. 1	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office 3	Number 4	Kind Code ⁵ (if known)				
		None						

U.S. and Foreign: ¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard St.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

EXAM INIT.		PATENT DOCUMENTS						
		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published						
	CA	WILSON, C.T.R.; On a Portable Gold-leaf Electrometer for Low or High Potentials; Cambridge Philosophical Society; January 31, 1906; pp. 184-189; Vol. XIII, Part IV; Cambridge University Press.						
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	CI	KIRKPATRICK, PAUL and MIYAKE, IWAO; A Generating Voltmeter for the Measurement of High Potentials; The Review of Scientific Instruments; January, 1932; pp. 1-8; Vol. 3, No. 1.						
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EXAM INIT.		<h2 style="text-align: center;">PATENT DOCUMENTS</h2> <p>Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published</p>
	CP	MACKY, W.A.; The Measurement of Normal Atmospheric-Electric Potential-Gradients Using a Valve-Electrometer; Terrestrial Magnetism and Atmospheric Electricity; March, 1937; pp. 77-86; Vol 42, No. 1.
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	CV	CHALMERS, J. ALAN; Negative Electric Field in Mist and Fog; Journal of Atmospheric and Terrestrial Physics; 1952; pp. 155-159; Vol. 2; Pergamon Press Ltd., London.
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	DA	WHITLOCK, W.S. and CHALMERS, J. ALAN; Short-Period Variations in the Atmospheric Electric Potential Gradient; 1956; pp. 325-336.
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	DC	JONES, O.C., MADDEVER, R.S. and SANDERS, J.H.; Radiosonde Measurement of Vertical Electrical Field and Polar Conductivity; Journal of Scientific Instruments; January, 1959; pp. 24-28; Vol 36.
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	DG	THOMPSON, JAMES E.; KRISTIANSEN, M., and HAGLER, MARION O.; Optical Measurement of High Electric and Magnetic Field; IEEE Transactions on Instrumentation and Measurement; March, 1976; pp. 1-7; Vol. 25, No. 1.
	DH	TOLAND, R.B. and VONNEGUT, B.; Measurement of Maximum Electric Field Intensities Over Water During Thunderstorms; Journal of Geophysical Research; January 20, 1977; pp. 438-440; Vol 82, No. 3.
	DI	CUMMINGS, MARY R.; NICHOLSON, HOWARD W., JR. and PORTO, DEBORAH R.; Measurement of the Atmospheric Electrostatic Potential Gradient Near Sea Level; American Journal of Physics; December, 1981; pp. 1176-1180; Vol. 49, No. 12.
	DJ	VOSTEEN, JAMES R. and VOSTEEN, WILLIAM E.; The Feedback Vibrating Capacitor Fieldmeter; 1991; pp. 103.1 - 103.13.
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EXAM INIT.		PATENT DOCUMENTS
		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
DL	GOTO, MIYOJI; A Newly Designed Differential Electrometer and its Application to the Simultaneous Measurement of Air Earth Current and Potential Gradient; pp. 22-23.	
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DN	RUST, W. DAVID and MACGORMAN, DONALD R.; Techniques for Measuring Electrical Parameters of Thunderstorms; Instruments and Techniques for Thunderstorm Observation and Analysis; pp. 91-244.	
DO	NELSON, B.N.; MENZEL, C., and DIGIUSEPPE, T.G.; A Fiber-Optic Electric Field Sensor for Lightning Research.	
DP	Mission Instruments Co., Presents the EFS 1000 Field Mill.	
DQ	Lightning Detector Type VSL 1.	
DR	Atmospheric Research Systems, Inc.; Electric Field Mill.	
DS	Atmospheric Research Systems, Inc.; Electric Field Mill Network.	
DT	Monroe Electronics, Inc.; Reference Supply/Pulse Generator; Model 241.	
DU	Taylor, D.M.; Secker, P.E.; Industrial Electrostatics: Fundamentals and Measurements; 1994; Chap 4; pp 130-132	
Non Patent Documents: ¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.		
Examiner Signature:		Date Considered:
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